

Certificate of Analysis

Date of Testing:	2024-10-29 10:45:48
Date of Next Testing:	2028-10-28 10:45:48
Product Name:	1-Butyl-3-methylimidazolium Trifluoromethanesulfonate
CAS Number:	174899-66-2
Specifications & Purity:	≥97%
Lot #:	J2425369
SKU #	B111364
Version	1
Analysis #:	411011

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.437-1.442	1.44
Water by Karl Fischer	0-1 (%)	0.17 %
Purity(HPLC)	97-100 (%)	99.42000 %
Appearance (B111364)	colorless to brown liquid	colorless to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager